

AMENDMENTS TO THE CLAIMS

1. (Currently amended) Instrument for plasma coagulation comprising

a tubular probe body with a tube wall defining a lumen through which an inert gas is conducted through the probe body,

an ignition electrode located within the lumen in the region of an outlet defined by ~~the~~ said probe body,

a current conductor adapted to supply a coagulation current to ~~the~~ said ignition electrode, ~~and~~

a tubule made of a high-temperature-resistant material; and

a fixing device fixing ~~the~~ said ignition electrode in a predetermined position within ~~the~~ said probe body, and comprising a flat body with longitudinal edges by means of which said flat body is attached to ~~the~~ said tube wall such that said flat body extends substantially diametrically across ~~the~~ said lumen, and to which the ignition electrode is attached,

wherein said tubule is inserted into said lumen in the region of said outlet, and said flat body is disposed at an end of the tubule that faces away from said outlet.
2. (Currently amended) Instrument according to claim 1, wherein ~~the~~ said current conductor is integrally connected to ~~the~~ said ignition electrode.
3. (Currently amended) Instrument according to claim 1, wherein ~~the~~ said current conductor is connected to the ignition electrode by means of ~~the~~ said flat body.

4. (Currently amended) Instrument according to claim 1, wherein at least one of the said ignition electrode and ~~the~~ said current conductor is welded to ~~the~~ said flat body.

5. (Currently amended) Instrument according to claim 4, wherein said welded attachment is ~~punctate and~~ formed by point-wise resistance welding.

6. (Canceled)

7. (Currently amended) Instrument according to ~~claim 6~~ claim 1, wherein said flat body comprises a flat edge and abuts ~~the~~ said tubule by means of sections of said flat edge.

8. (Currently amended) Instrument according to claim 1, wherein said flat body comprises a flat edge that defines a concave cutout which faces toward ~~the~~ said outlet.

9. (New) Instrument for plasma coagulation comprising:

a tubular probe body with a tube wall defining a lumen through which an inert gas is conducted through the probe body;

an ignition electrode located within the lumen in the region of an outlet defined by said probe body;

a current conductor adapted to supply a coagulation current to said ignition electrode; and

a fixing device fixing said ignition electrode in a predetermined position within said probe body, and comprising a flat body with longitudinal edges by means of which said flat body is attached to said tube wall such that said flat body extends substantially diametrically across said lumen, and to which the ignition electrode is attached at a non-distal portion of the ignition electrode.